

**PTH RECEPTOR AND SCREENING ASSAY UTILIZING  
THE SAME**

***ABSTRACT***

The invention provides a novel PTH receptor polypeptide, rΔNt, characterized by a deletion of the extracellular amino-terminus, ligand binding domain of the receptor. Additionally disclosed are nucleic acid molecules encoding the receptor. The receptor has a minimal domain for ligand binding and is useful in screening assays designed for the identification of agonists and antagonists of PTH receptor activity.

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